

Appl. No. 09/980,225
Amdt. Dated October 6, 2004
Official Action Dated July 7, 2004

Amendments to the Claims:

This listing will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (currently amended): A molding material for use with carbon dioxide refrigerant that resists blistering when exposed to carbon dioxide refrigerant, which molding material comprises chlorinated polyethylene having a chloride content of 25-47% by weight and a coupling agent selected from the group consisting of epoxy silane coupling agents and methacryloxy silane coupling agents.

Claim 2 (previously presented): A molding material for use with carbon dioxide refrigerant according to claim 1, wherein the chlorinated polyethylene is used as a blend with vinyl chloride-based resin.

Claim 3 (previously presented): A molding material for use with carbon dioxide refrigerant according to claim 1, wherein an inorganic filler is further contained.

Claim 4 (withdrawn): A molding material for use with carbon dioxide refrigerant according to claim 1, wherein a vinylic, epoxy or methacryloxy silane coupling agent is further contained.

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Claim 5 (previously presented): A molding material for use with carbon dioxide refrigerant according to claim 1, wherein 1-10 parts by weight of an organic peroxide is further contained on the basis of 100 parts by weight of the chlorinated polyethylene or its blend with the vinyl chloride-based resin.

Claim 6 (withdrawn): A molding material for use with carbon dioxide refrigerant according to claim 1, wherein the molding material is formed into a sealing element in a carbon dioxide refrigerant-contacting apparatus.

Claim 7 (canceled)

Claim 8 (previously presented): A molding material for use with carbon dioxide refrigerant according to claim 2, wherein an inorganic filler is further contained.

Claim 9 (previously presented): A molding material for use with carbon dioxide refrigerant according to claim 2, wherein 1-10 parts by weight of an organic peroxide is further contained on the basis of 100 parts by weight of the chlorinated polyethylene or its blend with the vinyl chloride-based resin.

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Claim 10 (previously presented): A molding material for use with carbon dioxide refrigerant according to claim 1, wherein 1-10 parts by weight of an organic peroxide is further contained on the basis of 100 parts by weight of the chlorinated polyethylene or its blend with the vinyl chloride-based resin.

Claim 11 (withdrawn): A molding material for use with carbon dioxide refrigerant according to claim 2, wherein the molding material is formed into a sealing element in a carbon dioxide refrigerant-contacting apparatus.

Claim 12 (withdrawn): A molding material for use with carbon dioxide refrigerant according to claim 4, wherein the molding material is formed into a sealing element in a carbon dioxide refrigerant-contacting apparatus.

Claim 13 (withdrawn): In a carbon dioxide refrigerant system, a carbon dioxide sealing element made from a molding material which comprises chlorinated polyethylene having a chloride content of 25-47% by weight.

Claim 14 (withdrawn): A carbon dioxide sealing element made from a molding material which comprises chlorinated polyethylene having a chloride content of 25-47% by weight.